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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/528,713	08/11/2005	Louis Fouarge	F-858 (31223:00075)	8448	
25264 7590 03/28/2007 FINA TECHNOLOGY INC			EXAMINER		
PO BOX 67441	2		CHEUNG, WILLIAM K		
HOUSTON, TX 77267-4412			ART UNIT	PAPER NUMBER	
			1713		
SHORTENED STATUTOR	Y PERIOD OF RESPONSE	MAIL DATE	DELIVER	DELIVERY MODE	
3 MONTHS		03/28/2007	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

	Application No.	Applicant(s)			
	10/528,713	FOUARGE ET AL.			
Office Action Summary	Examiner	Art Unit			
·	William K. Cheung	1713			
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period was pailing to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONEI	Lely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status					
Responsive to communication(s) filed on <u>18 December 2006</u> . This action is FINAL . 2b) This action is non-final. Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.					
Disposition of Claims		·			
 4) ☐ Claim(s) 16-37 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 16-37 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. 					
Application Papers					
9) The specification is objected to by the Examiner 10) The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the of Replacement drawing sheet(s) including the correction of the original transfer of the correction of the correction of the original transfer of the correction of the correctio	epted or b) objected to by the Eddrawing(\$) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).			
Priority under 35 U.S.C. § 119					
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 					
Attachment(s)					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal Pa	te			

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DETAILED ACTION

1. In view of the amendment of December 18, 2006, new claims 36-37 have been added. Claims 16-37 are pending.

- 2. In view of the amendment of December 18, 2006, the rejection of claims 16-35 are rejected under 35 U.S.C. 112, second paragraph, regarding "diverting the flow…" is withdrawn.
- 3. In view of the argument filed December 18, 2006, Hopkins et al. do not teach a process involving an alpha-olefin, which has an empirical formula C_nH_{2n} . Therefore, the rejection of claims 16-35 under 35 U.S.C. 102(b) as being anticipated by Hopkins et al. (US 4,419,466), is withdrawn.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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5. Claims 16-35, 37 are rejected under 35 U.S.C. 112, first paragraph, because the specification, while being enabling for high density polyethylene, does not reasonably provide enablement for alpha-olefins which broadly includes a large number of species of alpha-olefins. The specification does not enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make/use the invention commensurate in scope with these claims. Applicants must recognize that alpha-olefins generically include ethylene, propylene....etc., in which each of the alpha-olefins has different material properties. Therefore, the examiner has a reasonable basis that the specification does not enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make/use the invention commensurate in scope with these claims.

Claim Rejections - 35 USC § 112

- 6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 7. Claims 16-37 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 16, 36, 37, the recitation "flowing a portion of … slurry through a bypass line extending from one location of said loop reactor to another location of … loop reactor" is considered indefinite. Since the claimed invention can involve more than one loop within the reactor being claimed, it is unclear if the claimed invention also encompasses the bypass to set up a bypass from one loop to another loop within the loop reactor being claimed. Applicants must recognize that the original specification (page 3, line 13) only provide a support for a bypass within the "same loop".

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William K. Cheung whose telephone number is (571) 272-1097. The examiner can normally be reached on Monday-Friday 9:00AM to 2:00PM; 4:00PM to 8:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David WU can be reached on (571) 272-1114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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William K. Cheung, Ph. D.

Primary Examiner

March 22, 2007

WILLIAM K. CHEUNG